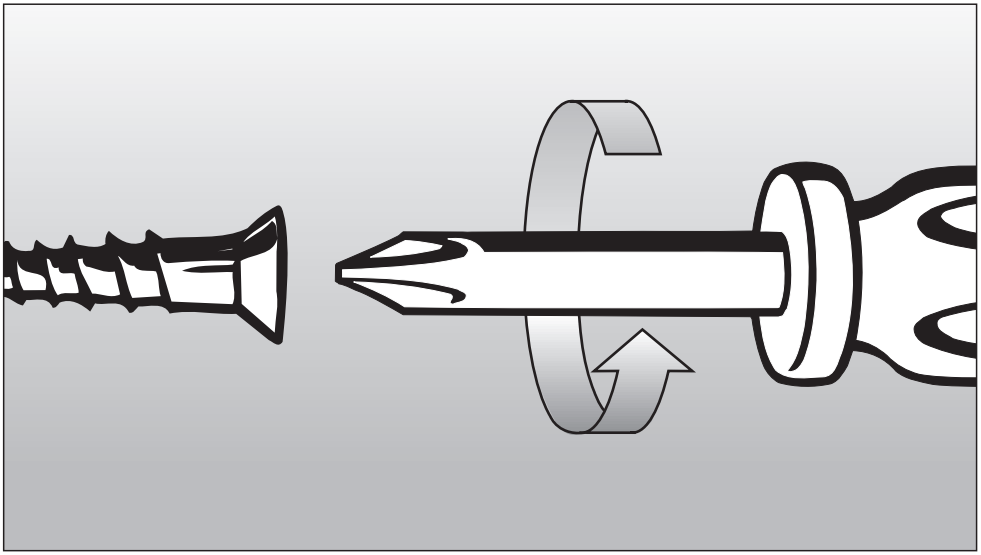
Miele

Installation Instructions



Gas Cooktop
KM 320

USA CDN

To prevent accidents and
machine damage,
read these instructions
before installation or use.

M.-Nr. 05 403 561

WARNING:
If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

- **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**
- **WHAT TO DO IF YOU SMELL GAS**
  - **Do not try to light any appliance.**
  - **Do not touch any electrical switch.**
  - **Do not use any phone in your building.**
  - **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
  - **If you cannot reach your gas supplier, call the fire department.**
- **Installation and service must be performed by a qualified installer, service agency or the gas supplier.**
  (In Massachusetts a licensed plumber / gas fitter)
- **Note to the installer:**
  Please leave this instruction book with the consumer for the local electrical / gas inspector's use.

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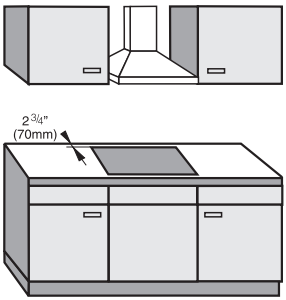
IMPORTANT SAFETY INSTRUCTIONS

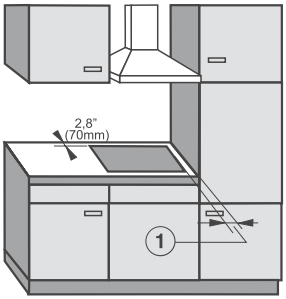
Installation

The minimum distances given in these Installation instructions are to combustible surfaces, and must be observed to ensure safe operation. Failure to do so increases the risk of fire.

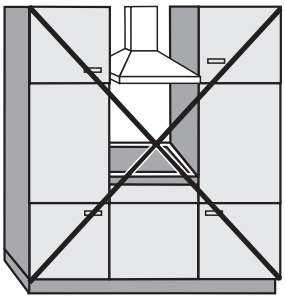
The cabinetry and venting hood should be installed first, to prevent damage to the cooktop.



recommended



not recommended



not allowed

- Gas appliances should only be installed in a well ventilated area.
- The countertop must be bonded with heat resistant (212 °F / 100 °C) adhesive to prevent distortion or dissolving.
- The cooktops should only be installed as shown, while maintaining the required safety distances shown. Do not install the cooktop between two tall cabinets, this is a fire hazard.

① = minimum distance between the cooktop and a tall cabinet:
12" (305 mm)

- This equipment has not been designed for maritime use or for use in mobile installations such as aircraft or recreational vehicles. However, under certain circumstances it may be possible for an installation in these applications. Please contact the nearest Miele Dealer or the Miele Technical Service Department with specific requirements.

The cooktop must not be installed over a dishwasher, washer, dryer, refrigerator or freezer. Heat radiated by the cooktop may damage them.

Deep fat fryers must not be installed next to gas cooktops. Gas flames can ignite splattering oil. A distance of at least 12" (305 mm) should be maintained between these two appliances. The minimum distance between two cooktops must be 4" (100 mm).

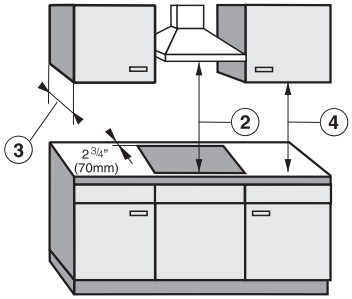
Install the appliance so that the power cord or gas piping does not come into contact with any portion of the cooktop which may become hot during use.

This appliance must be installed with its own shut off valve and the included gas pressure regulator. Both the valve and the regulator must be easily accessible to the consumer after the appliance is installed.

This appliance must be disconnected from the gas supply during any pressure testing of the system performed in excess of ½ psi (3.5 kPa). This appliance must be isolated at test pressures equal to or less than ½ psi (3.5 kPa).

Any pipe connections must be made using a thread sealant approved for gas connections. Failure to correctly install these items could lead to a gas leak and subsequent explosion.

Safety distances above the appliance



There must be a safety distance of at least 30" (760 mm), ② between the appliance and any objects above it. The overhead cabinet depth, ③, if unprotected, must not exceed 13" (330 mm). The minimum distance of combustible surfaces located above and to the sides of the cooktop, ④, is 18" (457 mm).

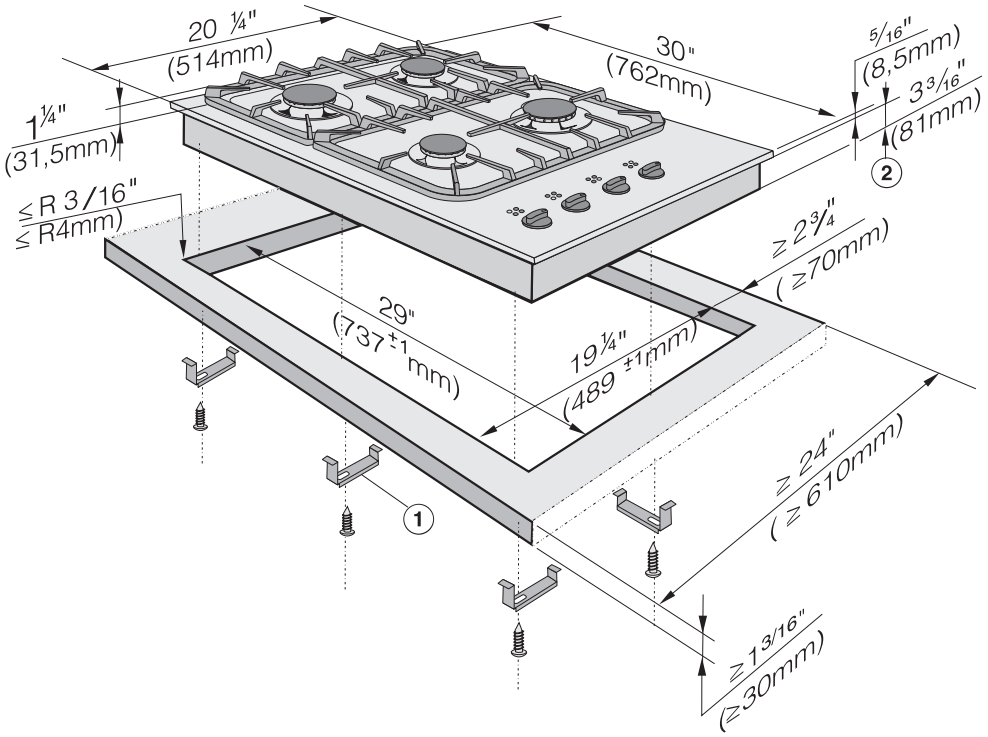
If the cabinet manufacturer recommends a greater distance, follow that manufacturers recommendation.

When installing the cooktop under a venting hood, always observe the minimum distance recommended by the hood manufacturer.

Keep this instruction book in a safe place for future reference and pass it on to an future user.

Appliance dimensions

KM 320

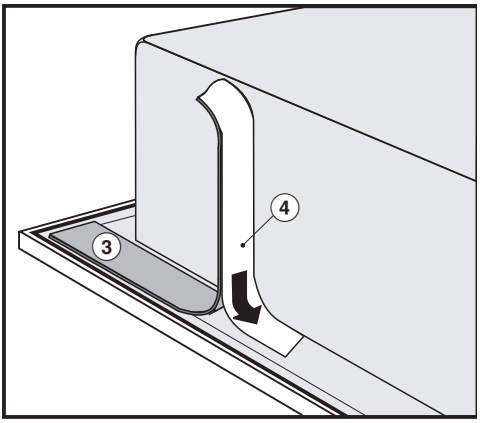


① Brackets

② Built-in depth

■ Rember to maintain the minimum safety distances to combustible surfaces:
- 2 3/4" (70 mm) between the cooktop and the back wall and
- 12" (305 mm) between the cooktop and a side wall or tall unit to the right or left of the cooktop.
(See "Important Safety instructions").

Setting the cooktop into place

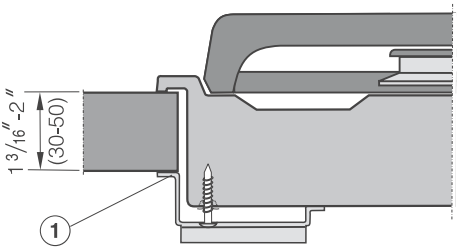


- After removing the protective backing, ④, stick the supplied seal, ③, under the edge of the cooktop.
- Screw the gas regulator/adapter combination onto the nipple underneath the cooktop. See "Gas connection - Gas pressure regulator".

The included gas regulator/adapter combination **must** be installed between the cooktop and the gas shut off valve. If clearance for the regulator does not exist directly under the cooktop, it may be moved closer to the shut off valve.

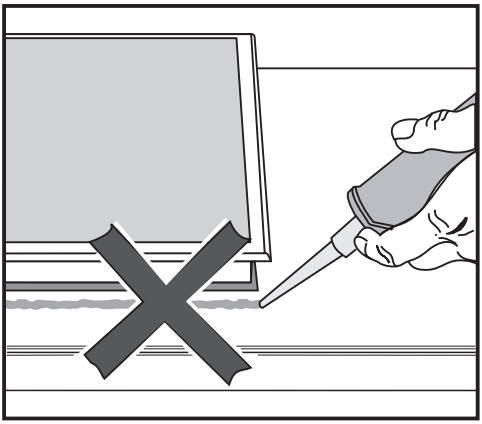
- Guide the power cord through the cut-out.
- Set the cooktop in the cut-out and center it.

Securing the support brackets



- Place the brackets, ①, as shown.

Important



The cooktop must not be permanently sealed into the countertop when installed.
The sealing strip under the edge of the cooktop provides a sufficient seal for the countertop.

If the cooktop is sealed into position, the countertop or the appliance may be damaged if the cooktop needs to be removed for maintenance or service.

This appliance must be grounded according to local or national codes.

All electrical work should be performed by a qualified electrician in accordance with local codes and the:

- National Electrical Code ANSI / NFPA No. 70 for the USA

or

- Canadian Electrical Code Part I for Canada (CSA Standard C 22.1).

⚠ WARNING
Disconnect the appliance from the main power supply before installation or service. To reduce the risk of electric shock, make sure the appliance is properly grounded after installation.

Power supply

The automatic ignition requires that the cooktop be connected to a 120 VAC, 60 Hz power supply. The supply line should be protected by a 15 A breaker.

Actual power consumption (during ignition only) is 25 W.

This appliance is equipped with a 4 ft. (1.2 m) long power cord that is ready for connection to the appropriate outlet.

Please place the power outlet so that it is accessible after the appliance has been installed in the countertop.

This appliance is equipped with a three-prong grounding plug to prevent shock hazards. It should be plugged directly into a properly grounded outlet. Do not cut or remove the grounding prong from the plug. If the plug does not fit the outlet, have a proper outlet installed by a licensed electrician.

To guarantee the electrical safety of this appliance, continuity must exist between the appliance and an effective grounding system. It is imperative that this basic safety requirement be met. If there is any doubt, have the electrical system of the house checked by a qualified electrician.
The manufacturer cannot be held responsible for damages caused by the lack, or inadequacy, of an effective grounding system.

Note to the installer

Please leave these instructions with the consumer or the appliance.

Gas connection

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

In Massachusetts a licensed plumber / gas fitter is required.

This appliance must be installed with its own shut off valve and the included gas pressure regulator. Both the valve and the regulator must be easily accessible to the consumer to turn on or shut off the gas supply after the appliance is installed.

This appliance and its individual shut off valve must be disconnected from the gas supply during any pressure testing of the system performed in excess of $^1/_2$ psi (3.5 kPa). The appliance must be isolated from the gas supply line, by closing its individual manual shut off valve, at test pressures equal to or less than $^1/_2$ psi (3.5 kPa).

Any pipe connections must be made using a thread sealant approved for gas connections. Failure to correctly install these items could lead to a gas leak and subsequent explosion.

The gas connection must be made in accordance with local codes or, in the absence of local codes, with:

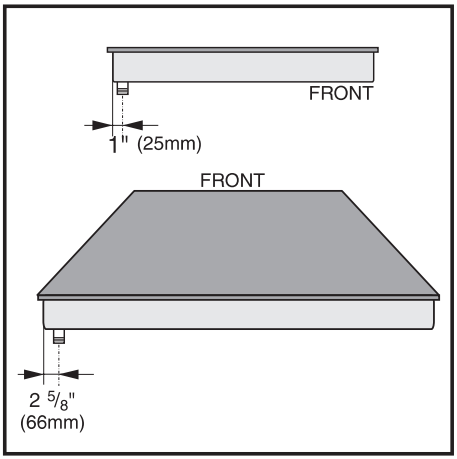
- the National Fuel Gas Code, ANSI Z 21.1 / NFPA 54 for the USA

or

- the current Can / CGA B 149.1 and .2 Installation Codes for gas burning appliances for Canada.

Make sure that the maximum gas supply pressure, before the gas pressure regulator, is never more than $^1/_2$ psi for both natural gas or LP gas.

The minimum supply pressure to get the required gas input is:
6" w.c. for natural gas
10" w.c. for LP gas.

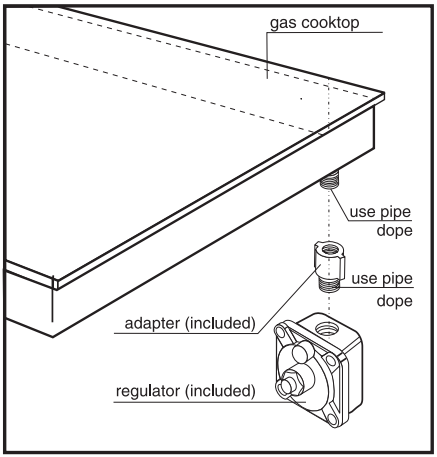


Gas pressure regulator

A pressure regulator that is convertible from natural to LP gas (Propane) or vice versa is included with the appliance. The included regulator corresponds with the gas type of the cooktop. Verify before installing.

The adjusted pressure is:
natural gas - 4" w.c.
LP gas - 10" w.c.

A straight thread adapter, from ½" ISO 7-1 to ½" NPT is connected to your gas pressure regulator. If an elbow adapter is necessary for your particular installation, a customized one can be obtained free of charge from the Miele Technical Service Department.
Do not use a standard elbow, it may cause a gas leak.



As shown in the diagram, the included regulator and adapter **must** be used when connecting the Miele cooktop to your gas supply. These items has been customized by Miele to meet all applicable safety requirements. Make sure the regulator is easily accessible for adjustment after the appliance has been installed.

For convenience, an AGA or CGA approved flexible stainless steel gas hose (accordion type) may be used between the gas connection and the regulator. This will allow the appliance to be lifted out of the countertop for cleaning or servicing. Make sure that any drawers, cabinet doors, etc., do not rub on this gas hose.

Do not use any regulator/adapter unless it has been supplied by Miele. Doing so may cause a gas leak.

If there is any doubt concerning installation contact the Miele Technical Service Department:

(USA) 1-800-999-1360
techserv@mieleusa.com

(CDN) 1-800-565-6435
service@miele.ca

After connecting the appliance check all fittings for gas leaks e.g. with soapy water.

When installed properly, the flame will be steady and quiet. It will also have a sharp, blue inner core that will vary in length proportional to the burner size. Flame adjustment will not be necessary.

Gas connection

Nominal rating table

	NG (Natural gas)		Nominal rating LP (Liquid propane gas)	
Normal burner	**BTU/hr**	**kW**	**BTU/hr**	**kW**
Max. output	9500	2.78	6000	1.75
Min. output	1400	0.41	1000	0.29
Fast burner				
Max. output	11600	3.40	10000	2.93
Min. output	1700	0.50	1600	0.47
All burners				
Max. output	42200	12.36	32000	9.38

Converting to another type of gas

The cooktop should have been ordered for connection to either natural or LP gas (propane).

If the cooktop is not configured for the proper type of gas connection please contact your Miele Dealer.

If the appliance is to be connected to a type of gas other than it was originally configured for, both the regulator and burners must be converted. A conversion kit is available as an optional accessory from the Miele Technical Service Department.

When contacting the Technical Service, please quote the model and serial number of your appliance.

Miele

Miele, Inc. (USA)

National Headquarters
9 Independence Way
Princeton, NJ 08540
Phone: 800-843-7231
609-419-9898
Fax: 609-419-4298
www.miele.com

Technical Service & Support Nationwide
Phone: 800-999-1360
Fax: 888-586-8056

Miele Limited (CDN)

Headquarters and Showroom
161 Four Valley Drive
Vaughan, ON L4K 4V8
Phone: 800-643-5381
905-660-9936
Fax: 905-532-2290
www.miele.ca
info@miele.ca (general enquiries)
professional@miele.ca (commercial enquiries)

MieleCare National Service
Phone: 800-565-6435
905-532-2272
Fax: 905-532-2292
service@miele.ca (technical enquiries)

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